

FIGURE 1 (Prior Art)

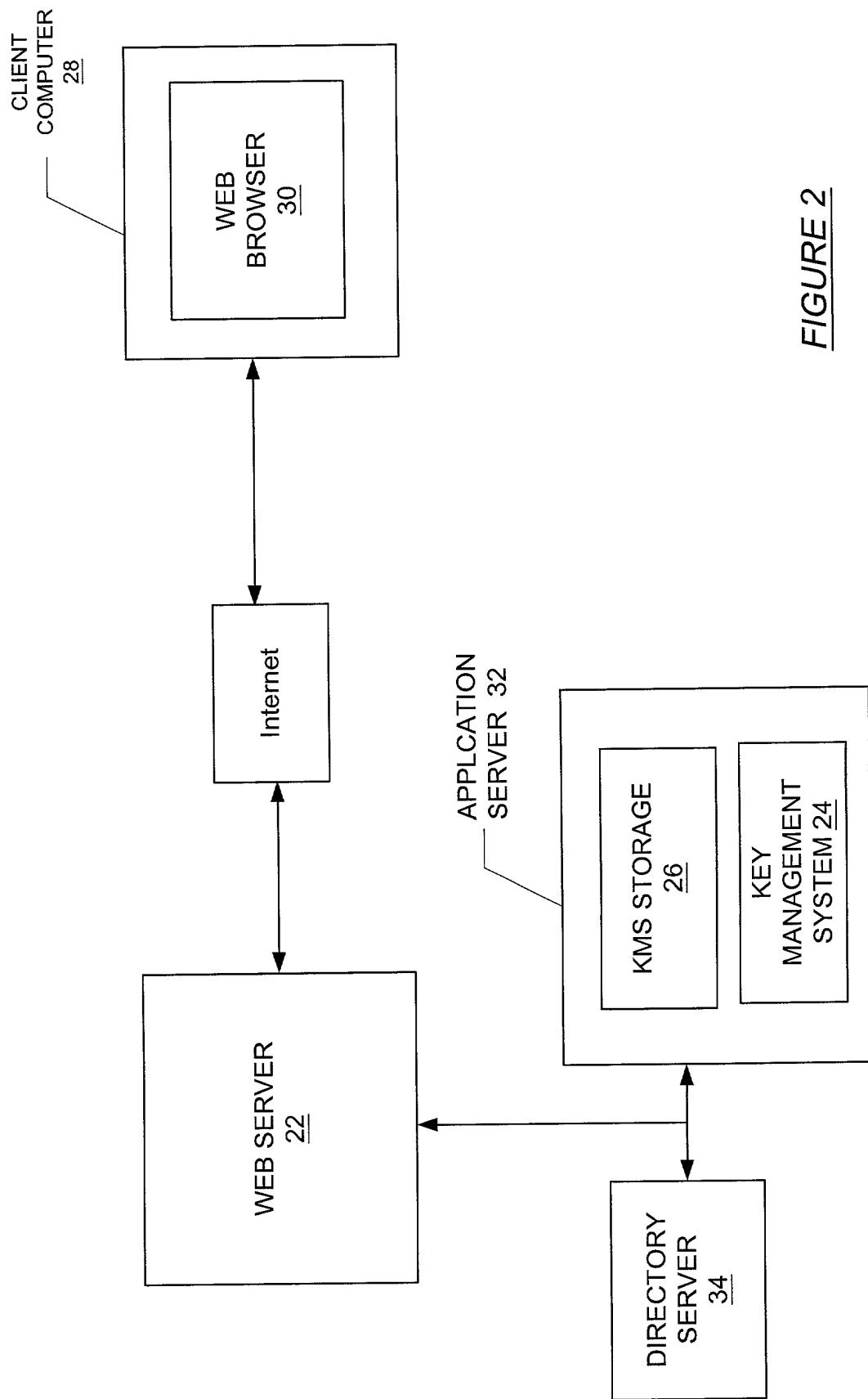


FIGURE 2

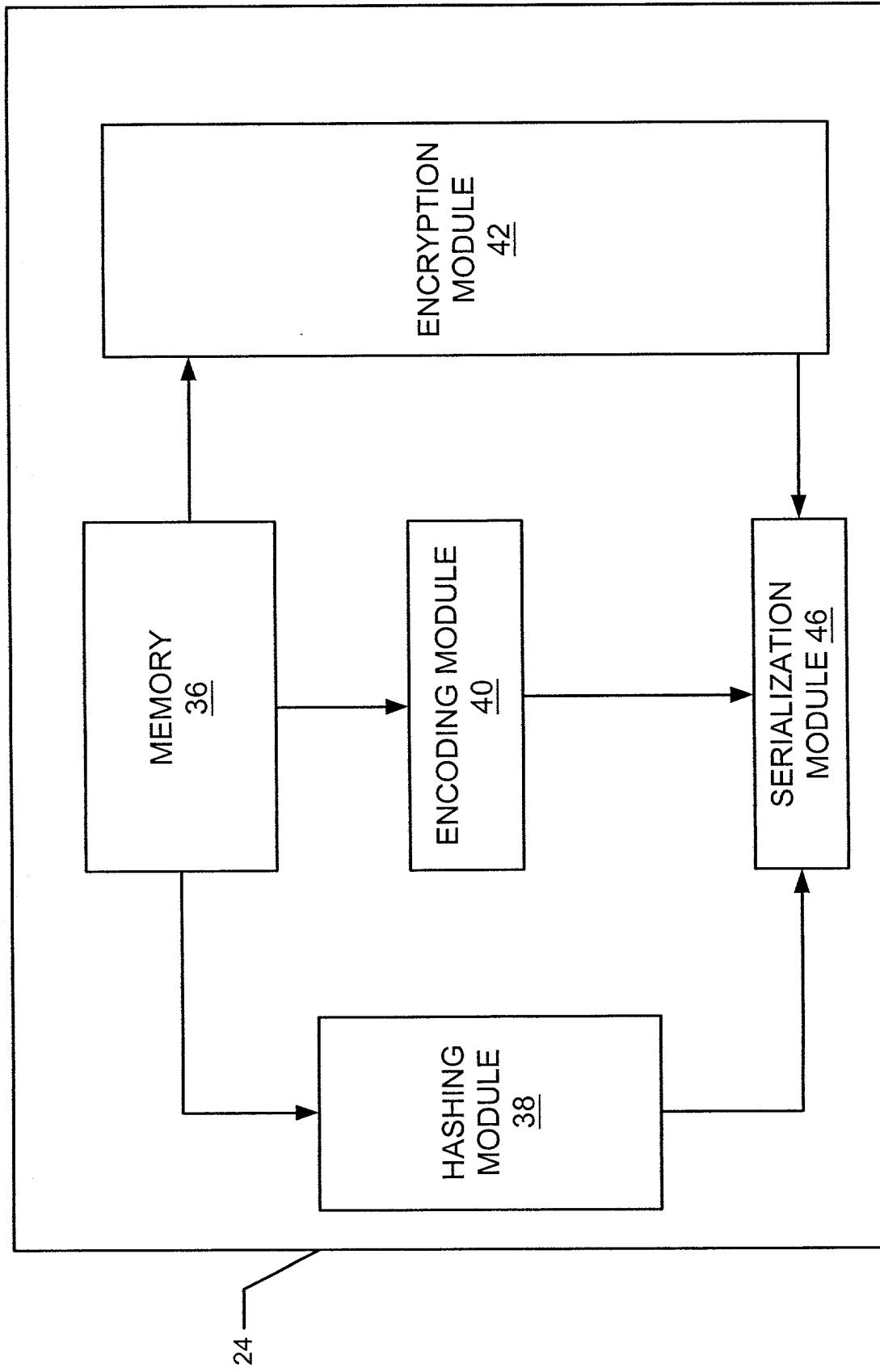


FIGURE 3

FIGURE 4

| | | |
|-----------------|-------------------|------------------|
| <u>KEY_A_48</u> | <u>VALUE_A_50</u> | <u>TYPE_G_52</u> |
|-----------------|-------------------|------------------|

47

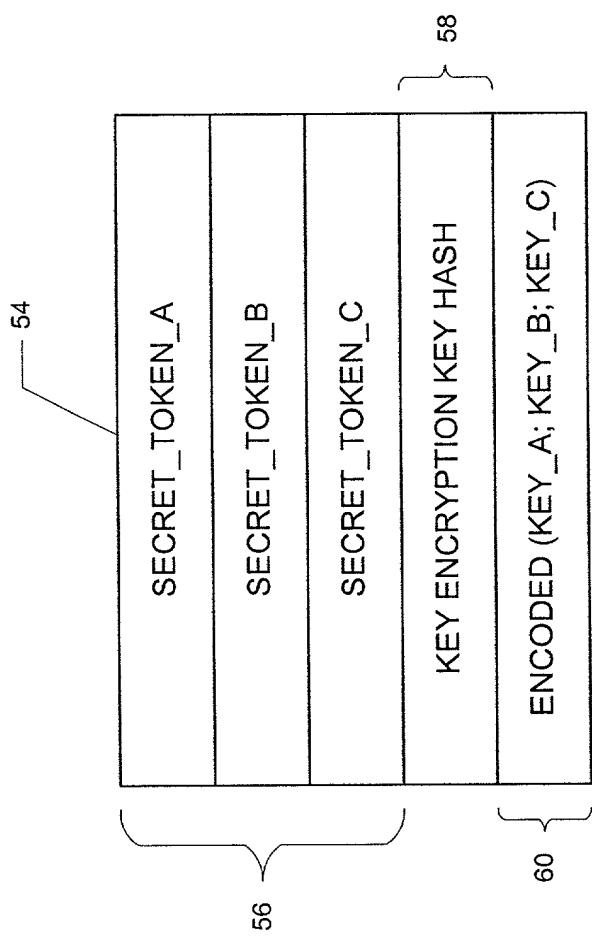


FIGURE 5

Create Serialized File for Key Management Service

Type in the values twice for each field. Once to set the value, and again to confirm it.

| Field Name | Value <u>68</u> | Confirm <u>70</u> | Generate Randomly |
|--|----------------------|----------------------|-------------------------------------|
| card.ldap.admin_dn | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> |
| card.ldap.admin.password | <input type="text"/> | <input type="text"/> | <input checked="" type="checkbox"/> |
| crypto.password | <input type="text"/> | <input type="text"/> | <input checked="" type="checkbox"/> |
| crypto.salt | <input type="text"/> | <input type="text"/> | <input checked="" type="checkbox"/> |
| crypto.count | <input type="text"/> | <input type="text"/> | <input checked="" type="checkbox"/> |
| card.Cyberflex.Access.32K.MasterKeyMAC | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> |
| card.Cyberflex.Access.32K.MasterKeyENC | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> |
| card.Cyberflex.Access.32K.MasterKeyKEK | <input type="text"/> | <input type="text"/> | <input type="checkbox"/> |

Please Specify Security Officer Keys

| | |
|--|--------------------------|
| KEK PIN <u>76</u> | <input type="text"/> |
| KEK Salt [8 Characters long] <u>78</u> | <input type="text"/> |
| KEK Iteration [integer] <u>80</u> | <input type="checkbox"/> |
| Write KEK to file for automatic KMS Initialization | <input type="checkbox"/> |

Create File

66

72

64

70

74

76

78

78

78

78

78

78

78

78

82

84

FIGURE 6

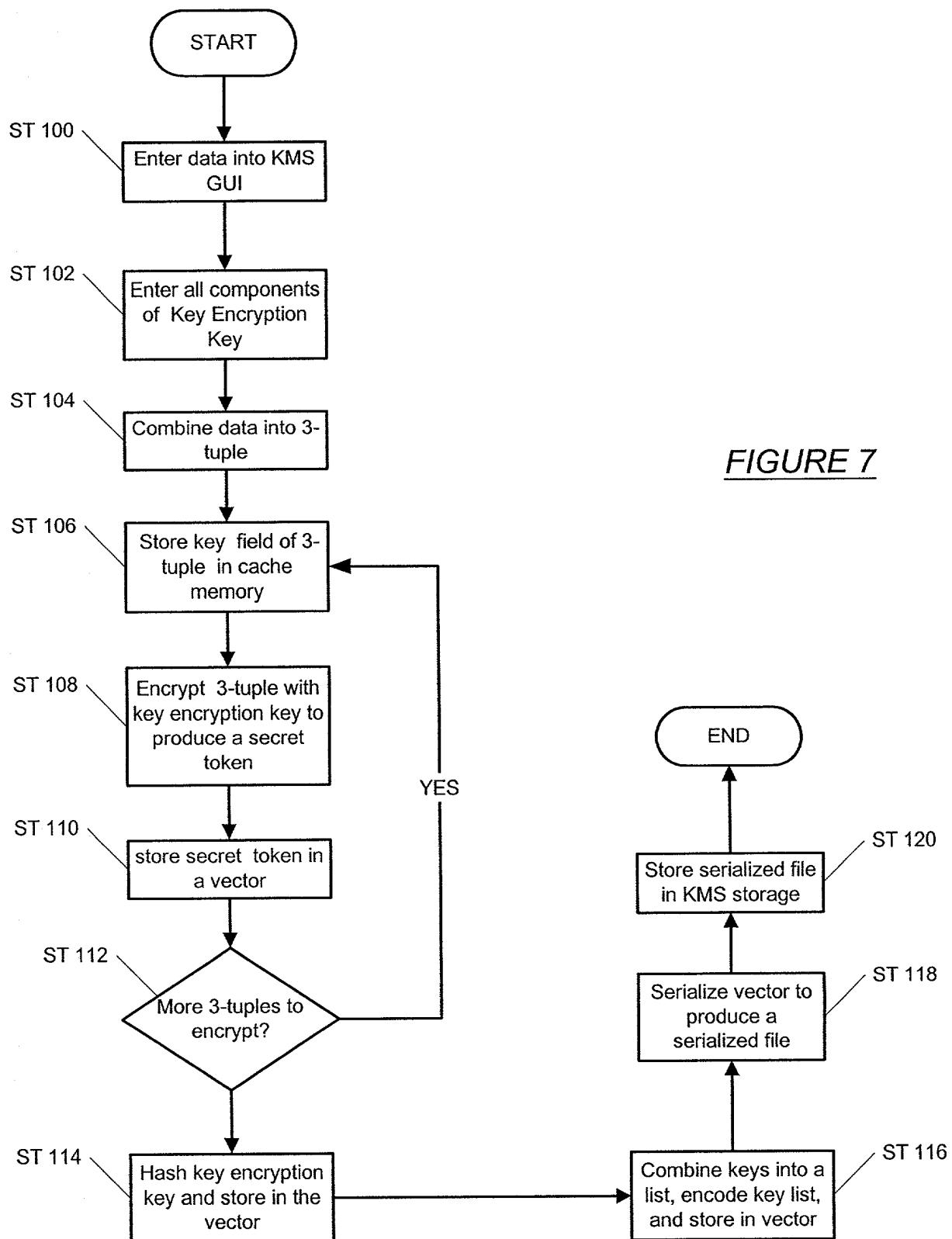


FIGURE 8

| | | | |
|-----------------|-----------------|-------------------|------------------|
| <u>APP_A_94</u> | <u>KEY_A_88</u> | <u>VALUE_A_90</u> | <u>TYPE_G_92</u> |
|-----------------|-----------------|-------------------|------------------|

86

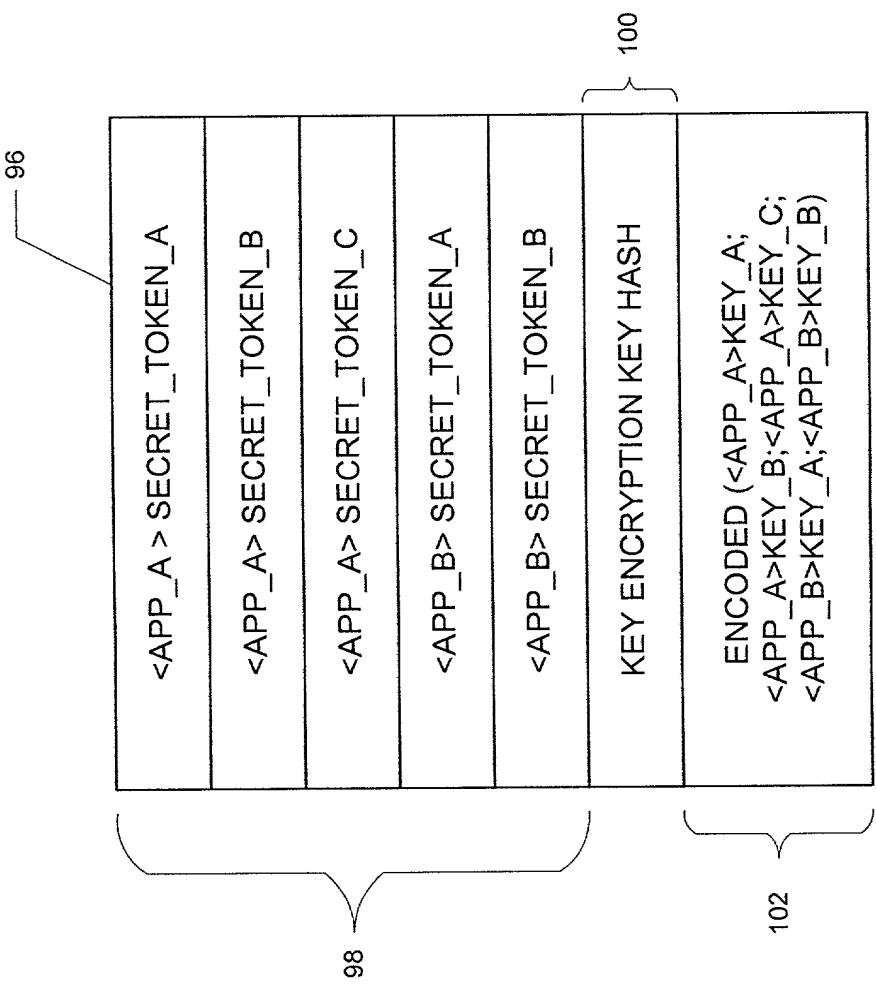


FIGURE 9